XP-002079251

1/1 - (C) WPI / DERWENT
AN - 90-146610 ç19!
AP - SU87 319526 871026
PR - SU87 319526 871026
TI - Adsorption-purificn. of vegetable oils - uses carbon adsorbent produced from molybdenum carbide prodn. waste by high temp. chlorination, to increase efficiency
IW - ADSORB PURIFICATION VEGETABLE OIL CARBON ADSORB PRODUCE MOLYBDENUM CARBIDE PRODUCE WASTE HIGH TEMPERATURE CHLORINATED INCREASE EFFICIENCY
IN - KLYUCHKIN V V; LEPININ V N; SABUROVA N P
PA - (LERE-R) LENGD REFRIG IND
PN - SU1497206 A 890730 DW9019 000pp
ORD - 1989-07-30
IC - C11B3/10
FS - CPI
DC - D23 E31 J01 L02
AB - SU1497206 Use of a carbon adsorbent (I) obtd. by chlorinating the Mo2C production waste at 500-1000 deg. as adsorbent in adsorption purificn. of vegetable oils, increases the efficiency of the process. The adsorbent (I) has effective pore radius of 80-200 nm., vol. of the micropores, mesopores and macropores of 0.25-0.26, 0.85-0.86 and 0.10-0.11 cm3/g resp., total porosity of 1.39 cm3/g, specific surface of the mesopores 490 m2/g and characteristic energy of adsorption 15.1 kjoules/mole.
- ADVANTAGE - Higher quality product is obtd. more simply. Bul.28/30.7.89 (3pp Dwg.No. 0/0)